



San Diego Mineral & Gem Society, Inc.
A Non-Profit Educational and Scientific Organization

THE PEGMATITE

MARCH 2019

SDMG's 85th ANNUAL BANQUET

Saturday, March 16, 2019

Jennifer Stapp and Melissa Ordway, co-Chairs

Program: Making CAD Jewelry

by Larisa Zolotova, G.G.

Join us for a special evening

It's time to celebrate SDMG's illustrious history at our 85th Annual Banquet. We'll be honoring our own, including past presidents and members who teach, volunteer, or contribute in countless ways. The 2019 scholarships will be awarded to two promising students interested in lapidary-gem-jewelry arts and geology, respectively. *Read the details on page 2.*



*"Peacock Flower" ring.
Design by Larisa Zolotova.*

Official bulletin of the San Diego Mineral and Gem Society, Inc.

Affiliations: California Federation of Mineralogical Societies
American Federation of Mineralogical Societies
American Lands Access Association

Sister Club: Kingston Lapidary, Hull, England

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Membership: Anyone with an interest in minerals, fossils, lapidary, gems, or hand-crafted jewelry may join the Society. Contact: membership@sdmg.org

Liability: The San Diego Mineral & Gem Society, Inc., is not and cannot be held responsible and liable for personal injuries, for damage or loss of property at any meetings, field trips, classes, shows, or any event sponsored or recommended herein.

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Exchange bulletins: Send to the Society mailing address

The mission of the San Diego Mineral and Gem Society, Inc., is to disseminate knowledge of mineralogy and earth sciences; to encourage the study of these subjects; to conduct classes in mineralogy and lapidary arts; to conduct field trips for the collection and study of specimens; to encourage interest in mineralogy and lapidary arts among young people; and to procure and maintain a collection related to the earth sciences and lapidary arts.

SDMG's 84th ANNUAL BANQUET

Saturday, March 16, 2019

*Jennifer Stapp and Melissa Ordway, co-Chairs
banquet@sdmg.org*

*Program: Making CAD Jewelry
by Larisa Zolotova*

Venue: Elijah's Restaurant
7061 Clairemont Mesa Blvd
San Diego, CA 92111

Cost: \$35.00/person

Ticket Information: See box at right

Adjustment Hour: 5:00 – 6:00 pm
Light refreshments, coffee, cash bar

President's Welcome: 6:00 pm

Dinner: 6:15 pm

Scholarship presentation: 7:15pm

Program: 7:30 pm
Presentation by Larisa Zolotova

COME CELEBRATE SDMG'S 85TH ANNUAL BIRTHDAY at **Elijah's Restaurant** in San Diego. All **SDMG** members and their guests are welcome to attend! The Banquet is the occasion when we honor our members who do so much in service to our club and its members. Two student scholarships are awarded each year at the event. This year the recipients will be **Rachel Ness**, who will receive the **William Tirk Scholarship** for jewelry and metalsmithing, and **Mason Einbund**, who will receive the **Carmelita & Bern Swartz Scholarship** for geology.

The speaker for the 2019 Banquet will be award-winning jewelry designer **Larisa Zolotova**. Her intricate creations reflect the dynamic connection between functional and sculptural considerations. Her presentation will cover how the development of computer technology opens unlimited possibilities for modeling jewelry. She will also share her experience with **The Hermitage Museum**, in Saint-Petersburg, Russia, and **The Sackler**

Tickets ON SALE NOW
through Tue, March 12th.

Available from:

- **The Village Silversmiths'** shop in the SDMG Building, 11:00 am to 4:00 pm daily
- **Bob Hancock's** Wednesday facetting class
- **Dave Smith's** Tuesday casting class or Saturday Junior Division class

Tickets available
through **Tuesday, March 5th**
by mail from Chairperson:

- Write a check for \$35.00 per person payable to: **SDMG**
- Send your check to:
Jennifer Stapp
PO Box 500536
San Diego, CA 92150
 - Write your phone number on your check.
 - Note your meal selection on your check: short ribs, salmon, or vegetarian/vegan.



Gallery, Smithsonian Institution, in Washington D.C. **Larisa** received training as a bench jeweler at the **School of Jewelry Arts** in St. Petersburg, Russia, and earned certifications from the **GIA** as Graduate Gemologist and Accredited Jewelry Professional in 2015. The following year, she graduated from **GIA's** diploma program in Jewelry Design & Technology.

16th ANNUAL SINKANKAS SYMPOSIUM PEARL

Saturday, April 27, 2019

GIA World Headquarters, Carlsbad, CA

Registration opens Tuesday, February 12, 2019

Venue: GIA World Headquarters | The Robert Mouwad Campus
5345 Armada Drive, Carlsbad, CA 92008

Sponsors: Gemological Society of San Diego and GIA

Time: Badging, refreshments, 8:00–9:00am.
Symposium begins at 9:00am sharp.

Cost: \$110.00 per person through March 15, 2019;
\$125.00 March 16 through April 25, 2019.

Registration: Now Open: www.eventbrite.com/e/2019-sinkankas-symposium-tickets-45781581944

Things to Remember: No on-site registration
Valid gov picture ID
All attendee names must be on the list at the gate
– no reservations under one name

Website: www.sinkankassymposium.net



Photo: Mia Dixon. Courtesy of Pala International.

Speakers*

Elisabeth Strack – An Update on Pearl Localities

Betty Sue King – Evolution of the Pearl Goddess

Bill Larson – Collecting Rare and Unusual Pearls

Stuart Robertson – Pearls: Their Market and Price Trends

Chunhui Zhou – A Brief History of Pearl Testing Through Gems & Gemology

Douglas McLaurin – Baja Pearls

Blaire Beavers – panelist, History of Pearls

Hisano Shepherd, panelist

Dona Dirlam, panelist – My Favorite Pearl Jewelry Books

* Speakers and program subject to change without notice.

GEMOLOGICAL
SOCIETY
of SAN DIEGO



GSSD General Meeting
Monday, March 4, 2019
7:00pm SDMG Building

SPEAKER TO BE ANNOUNCED. Bring your Tucson and Quartzsite finds to share.

Any snacks you wish to bring will make the night even better.

Parking Lot
Spanish Village

Attention Students and Instructors.

It has come to the attention of the SVAC Executive Board that at times your members or students are double parking behind other's automobiles in the back parking lot. Please know that this is not only an illegal way to park but that it is also very unsafe. Emergency vehicles, should they be required, would never be able to access the SVAC patio if it is blocked by double-parked cars. If this practice is observed, a tow truck will be called and the vehicle will be removed at the owner's expense.

Thank you for your help with this matter.

Sincerely,
SVAC Executive Board of Directors



SAN DIEGO COUNTY FAIR

GEMS, MINERALS
& JEWELRY DEPT.

by Anne Schafer, Coordinator

858-586-1637 Agate.Annie2@gmail.com

EVERYTHING IS OZ-SOME! You're invited to skip down the yellow brick road with lions and tigers and bears, oh my – because the 2019 Fair theme is based on L. Frank Baum's great book, *The Wonderful Wizard of Oz*.

Here's a peek at the new classes
in the Gems & Minerals Dept. for 2019:

- **Birthstone Minerals:** One or five specimens, your choice.
- **Ammonites:** One fossil specimen, worldwide, any size.
- **Trace Fossils:** One specimen, worldwide, any size. (Ex: footprint, trail, burrow, etc.).
- **Gemstone Carving, Beginner:** Must be natural mineral material. Four entries allowed!
- **Fair Theme Jewelry:** "Wonderful World of Oz", single piece.

And here is what you need to do to enter,
the where and when:

- **Online entry:** Available NOW at www.sdfair.com
- **Brochures:** Available online now, or in Casting Room.
- **Entry deadline:** Friday, April 26, 11:59pm (Please enter by Thursday to avoid website delays!)
- **Deliver exhibits:** Saturday and Sunday, May 25 and 26, 9am to 6pm
- **Opening day of Fair:** Friday, May 31, 4 to 11pm
- **Fair closed:** All Mondays, and Tuesday in June – June 3–4, 10–11, 17–18, 24–25.
- **Exhibitor Appreciation Night:** Wednesday, June 5, 7 to 9pm
- **Last day of Fair:** Thursday, July 4, 10am to 11pm
- **Pick up exhibits:** Saturday, July 6, 9am to 8pm

Questions? We have answers! Please contact us:

Coordinator Anne Schafer at **858-586-1637** or Agate.Annie2@gmail.com

Assistant Coordinator Jennifer Stapp at **858-829-1723** or Cat333@san.rr.com

We're looking forward to another exceptional year, with more of your beautiful entries!



Newsy Nuggets

Stories you may have missed



Above. A NASA spacecraft sees a volcanic explosion on Io, Jupiter's third-largest moon. (NASA/JPL/University of Arizona)

Below. This Voyager 2 color photo of Ganymede, the largest Galilean satellite, was taken on July 7, 1979, from a range of 1.2 million kilometers. (NASA/JPL)

Think it's tough picking your baby's name? Sources: NASA and Sarah Kaplan* – In a February *Washington Post* article, science writer Sarah Kaplan pulled back the curtain on “The bizarre and brilliant rules for naming new stuff in space” (<https://wapo.st/2TeFQH2>). Who makes the rules? The International Astronomical Union (IAU) has held naming rights of planets and satellites since 1919 (happy 100th birthday, IAU). The criteria for acceptable names are not the same for planets, satellites, or features of the same type but are tailored with great specificity. For example, Kaplan reports, “almost everything on Io, the eruptive moon of Jupiter, must have a name associated with fire, volcanoes, or Dante’s ‘Inferno.’” In January, the Carnegie Institution appealed to the public for help naming a new moon discovered orbiting Jupiter. (It has 53 named moons.) Apart from the obvious criterion that the name should have an association with the Roman god Jupiter (or Zeus, for the Greeks), the naming convention for Jupiter’s moons is pretty restrictive, right down to the moon’s rotation, which may explain why there’s a backlog of 26 moons still awaiting official names.

Ms. Kaplan wrote another story featuring the planet Jupiter in January: “Behold, the solar system’s best planet.” (<https://wapo.st/2tM3VWC>). Reading her homage to the largest planet in our solar system, fifth from the sun, it’s not hard to see why Jupiter is her favorite planet. The moons, and the naming of them, in and of themselves, are a revelatory narrative. NASA provides more details:

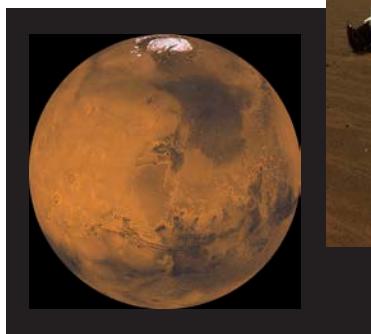
“The most scientifically interesting moons are the first four discovered beyond Earth – the Galilean satellites. (Galileo originally called Jupiter’s moons the Medicean planets in honor of the powerful Medici family of 16th century Florence.) In the 19th century the moons were renamed for characters of Greek mythology: Io, Europa, Ganymede, and Callisto. While Ganymede is the largest moon in the solar system (larger than the planet Mercury), and is the only moon known to have its own internally generated magnetic field...Io is the most volcanically active body in the solar system. Its surface is covered by sulfur in different colorful forms. As Io travels in its slightly elliptical orbit, Jupiter’s immense gravity causes “tides” in the solid surface that rise 300 feet (100 meters) high on Io, generating enough heat for volcanic activity and to drive off any water. Io’s volcanoes are driven by hot silicate magma.”

* Source attributions.

<https://go.nasa.gov/2GY4uVP>

S. Kaplan. 8 January 2019. Behold, the solar system’s best planet. The Washington Post. Available online at (short URL): <https://wapo.st/2tM3VWC>

S. Kaplan. 26 February 2019. The bizarre and brilliant rules for naming new stuff in space. The Washington Post. Available online at (short URL): <https://wapo.st/2TeFQH2>



Above. Mars. (NASA/JPL-Caltech/USGS)

Above right (overset). Opportunity's heat shield impact site is seen on Mars in an approximately true-color mosaic of panoramic camera images taken Dec. 28, 2004. On the left, the main heat shield piece is inverted and its metallic insulation layer glints in the sunlight. (NASA/JPL/Cornell)

Below. The dramatic image of NASA's Mars Exploration Rover Opportunity's shadow was taken on sol 180 (July 26, 2004), by the rover's front hazard-avoidance camera as the rover moved farther into Endeavour Crater in the Meridiani Planum region of Mars. (NASA/JPL-Caltech)



"I cannot think of a more appropriate place for Opportunity to endure on the surface of Mars than one called Perseverance Valley," said Michael Watkins, director of JPL. **"The records, discoveries and sheer tenacity of this intrepid little rover is testament to the ingenuity, dedication, and perseverance of the people who built and guided her."**

Source: <https://go.nasa.v/2ISbYeH>

Missing Opportunity. *Sources: NASA and Sarah Kaplan** – In “A eulogy for the spacecraft that transformed our understanding of the Red Planet,” *Washington Post* science writer Sarah Kaplan wrote a wistful encomium upon the demise of the interstellar envoy of one of NASA’s most successful missions (<https://wapo.st/2tNKwV1>). Launched on July 7, 2003, a Delta II rocket carrying a payload representing NASA’s most optimistic ambitions for interplanetary exploration touched down on the Martian surface seven months later, on January 24, 2004.

The exploration rover named Opportunity exceeded all expectations – by light years. Its mission was originally expected to last 90 days. Engineers hoped that the rover would manage to traverse 1,100 yards (1,000 meters). Over the next 14 years, Opportunity traveled more than 28 miles, and according to NASA, among its many achievements:

- Set a one-day Mars driving record March 20, 2005, when it traveled 721 feet (220 meters).
- Returned more than 217,000 images, including 15 360-degree color panoramas.
- Exposed the surfaces of 52 rocks to reveal fresh mineral surfaces for analysis and cleared 72 additional targets with a brush to prepare them for inspection with spectrometers and a microscopic imager.
- Found hematite, a mineral that forms in water, at its landing site.
- Discovered strong indications at Endeavour Crater of the action of ancient water similar to the drinkable water of a pond or lake on Earth.

In 2018, Opportunity reached the western limb of a crater named Perseverance Valley. Failing repeated attempts to hail the rover after a massive dust storm in June, and after trying to reboot it, on its 15th birthday, January 24, 2019, NASA pronounced Opportunity’s mission officially concluded.

* Source attributions.

<https://go.nasa.gov/2ISbYeH>

S. Kaplan. 13 February 2019. Opportunity, NASA's record-setting Mars rover, is declared dead after 15 years. The Washington Post. Available online at (short URL): <https://wapo.st/2tNKwV1>



Geological jelly roll. *Source: Bob Hancock* – Now is a good time to get your cameras ready and get out of doors and photograph the back country. San Diego County offers great opportunities for rockhounding, hiking, exploring, photographing and viewing rock formations and wildlife.

The photograph at left was taken recently while driving down Montezuma Grade, on County road S-22, a few miles west of the desert town of Borrego Springs. Here in a road cut is seen a peculiar rock formation, which gives a person an idea of the tremendous forces at work deep within the earth's crust.

This photo is of a section of “Mylonized Rock.” The Mylonization takes place deep underground. In checking with the Anza Borrego Park literature section (books available at the Park headquarters), this particular example began about 60 – 70 million years ago. The rock was three to four miles down beneath the earth's surface, where it was subjected to tremendous heat and pressure. It was also metamorphosed – and mixed like cake dough. It appears to have been rolled up like a jelly roll, squeezing the layers of rock into thinned and flattened strips. Finally, it was pushed up above the earth's surface on a rising mountain block and now rests more than 2,000 feet above sea level, where it is exposed in a road cut for all to see.



Super Bloom 2017 at Carrizo Plain National Monument. Photo: Bob Wick, Wilderness Specialist and Photographer, BLM, April 1, 2017.

Here's what Wick said about 2017–

“The super bloom migrated north to California's Central Valley and the show is simply indescribable at the Carrizo Plain National Monument. The Valley floor has endless expanses of yellows and purples from coreopsis, tidy tips and phacelia, with smaller patches of dozens of other species. Not to be outdone, the Temblor Range is painted with swaths of orange, yellow and purple like something out of a storybook. I have never seen such a spectacular array of blooms. Ever.”

The 2019 Superbloom may rival or even outperform the one two years ago.

#Trackthebloom. A constellation of factors are converging to virtually guarantee that 2019 will be among the very best “Superbloom” years on record in California. Not only is rainfall a key factor this winter, but also protracted cool temperatures, which has been allowing blooms to linger longer than usual and in the process, produce more flowers per stem. Sintering of seeds during last year's disastrous and widespread wildfires is ensuring their vigorous germination now. Lower elevations are already showing bursts of color. Where there's been snow and near-freezing temperatures, peak bloom is expected toward the last week of March or first week of April. For Rockhounds, the desert landscapes are bound to be exceptionally dramatic, so don't forget to bring your camera along with your pick and bucket.

“This year is definitely shaping up to be a very good wildflower year,” says Cameron Barrows, an associate research ecologist at UC Riverside's Center for Conservation Biology. “I've lived here in the Coachella Valley for over three decades, and there have been maybe two to four exceptional wildflower years, and this is one of those.”

Source: K. Scharkey, Palm Springs Desert Sun, Feb 20, 2019.



The **Theodore Payne Wild Flower Hotline** offers free weekly on-line and recorded updates which are posted every Friday from March through May. You can also find out the best locations for viewing spring wild flowers in Southern and Central California.

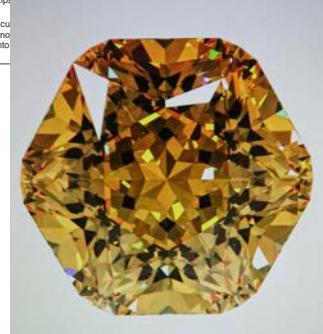
Call **818 768-1802, ext. 7** each Friday to hear updated reports. Visit the website at: <http://theodorepayne.org/learn/wildflower-hotline/>

Faceting Cut of the Month: Stargate 6

SDMG member **Bill Brisebois** shares a new faceting design this month – the **Stargate 6**. He says this design is ideal for materials with a high refractive index. He notes that the G1, P1, P2, and G2 cuts are to be used to make a preform accurately, and it is very important to get them very precise and meet at the TCP (Temporary Center Point) of the culet before any other cutting is done. There are also “floating cuts” without meetpoints – they are indicated on the faceting diagram. Bill says: “[the design] cuts incredibly well and quickly, if the instructions are followed carefully in the preform stage – the rest of the cutting will just lay in perfectly.”

Download Bill's Stargate6 faceting diagram from the SDMG website at:

<http://bit.ly/sdmg2U12A4y> (short URL)



From left to right.
The pavilion of a doped Cubic Zirconia in the pre-polish stage.
The polishing stage.
In the home stretch – what fire!

Faceting Cut of the Month (February): Heart CZ III

SDMG member **Mike Harkleroad** shares a faceting design this month based on a well-known heart-shape design. **Mike's** modified design includes an extra row of facets on the pavilion, which seem to give it an extra flash of sparkling color.

The material **Mike** used was blue Cubic Zirconia (shown at right). The finished cut stone weighs 16.25 cts. and measures 13.3 x 13.6 mm. Photo: Lu Ann Benton.





JUNIOR DIVISION

Coordinated by

Dave Smith

GREETINGS FROM THE JUNIORS. As of February 18th, 68 Junior members were subscribed within the 701 total **SDMG** membership. My hope for the **Juniors** who come to the shop is to provide an enjoyable experience creating cabochons in a safe and friendly environment.

We are down one Titan grinder, but a replacement is due soon. A field trip to a local gem mine is being planned for later in March, with details forthcoming.

Juniors at work on their cabochons in the shop. At right, scribing; below left, grinding the contours of the form; below right, grinding and shaping the dome of the cabochon. Photos: Dave Smith.



A Humble Life in a Little Desert Cabin

by Stephen P. Mulqueen*

IMAGINE LIVING IN ONE of these little desert cabins over 75 years ago. A blowing rainstorm is passing through and you are having trouble sleeping during the late evening. Numerous holes in the roof and in the walls allow the wind to whistle while the rain slowly drips onto the dusty floor. All this occurs while the door rattles and the entire structure creaks and moans. So you get up to empty the old rusty coffee cans that sit on the floor to catch some of the drips. You wonder what will happen if the dwelling completely collapses during this storm. You hear a mouse that has found refuge inside and is now exploring the kitchen. Somehow you fall asleep.

The next morning you wake up to a calm clear day. While looking out of the only window near the front door, you gaze 25 miles through the clear air across the flat desert valley at the mountain range to the southeast. You are reminded of the beauty of the desert and the real reason you chose to live by yourself at such a remote site. After getting the potbelly stove fired up with a few remaining sticks of firewood, you make some strong coffee, open the last can of pork 'n' beans from the shelf and proceed to heat it in a cast iron skillet.

After breakfast you sit back and thank the Lord for another day and count all of your blessings. You are grateful for the shelter that is yours, no matter how humble it may appear. You contemplate, knowing that



An old desert dwelling located at a remote site east of Barstow in the Mojave Desert. Between the hottest summer afternoons, the coldest winter nights, driving rain, snow and hurricane-force winds, some of these dwellings are still standing. This photo and other similar photos taken by the author in April 2015 inspired the present article.

some poor soul out there had no shelter from the storm and may have had nothing substantial to eat for dinner or breakfast ...

The desert has a way of shaping one's life by allowing an individual the serenity to think clearly, to escape from life's worries, to accept the challenges of desert living and to enjoy the gifts provided by nature. Each old desert dwelling could tell a story of the individuals that lived within their four walls, struggling to make a living and trying to survive. If the walls could talk, many great memories would unfold adding to the rich history of the Mojave Desert.

* **Stephen P. Mulqueen** is a retired geologist and rockhound enthusiast who has researched and written about the Mojave Desert for many years. He graduated from Cal Poly Pomona in 1978. He is an active member and past president of the Ventura Gem & Mineral Society. He currently resides in St. George, Utah.

This article is reproduced here by permission. It was written for the Mojave River Valley Museum Association, Barstow, CA, in May 2015, and published in its June 2015 newsletter, *Desert Tailings*, on p. 7. Cite this article: S.P. Mulqueen. A Humble Life in a Little Desert Cabin. The Pegmatite, bulletin of the San Diego Mineral & Gem Society, Inc. March 2019: 10.

**General Meeting
of the Mineralogical Society
of Southern California (MSSC)**

Friday, March 8, 2019 – 7:30pm

*Guest speaker: Stephen P. Mulqueen
The Golden Age of Rockhounding
1946 – 1972*

Where: Pasadena City College
Building E, Lecture Hall (room 220)
1570 E. Colorado Boulevard
Pasadena, CA 91106

Admission and Parking: Free. Guests are welcome.

Website: www.mineralsocal.org

Geologist Stephen P. Mulqueen will give a presentation on the period during the 20th century when access to hobby collecting sites was open to Rockhounds almost anywhere they wanted to go on public lands. Things changed drastically when landmark statutes started to be legislated, beginning with the **National Environmental Policy Act (NEPA)** on January 1, 1970, until the present day. The regulations



Rockhounding for agate near Castle Butte, in the Mojave Desert, California. Photo: Bill Kirk, 1957.

drafted in compliance with the new laws were aimed at protecting conservation values, but in the process they forbade or overlooked making exceptions for low impact recreational activities such as casual collecting.

Steve is a past president of the **Ventura Gem & Mineral Society**. He is a longtime supporter of Rockhounding and leads geology-focused field trips to many parts of the United States. Always on the go, he currently resides in St. George, Utah.

FIELD TRIPS



Tri-Club Field Trip organizers will kindly allow other CFMS affiliated society members to participate in their trips. Be prepared to sign waivers and obey ALL the leaders' instructions.

March 23 – Castle Butte for Jasper, Agate, Chapinite, Palm Root, hosted by CG&MC.

April 27 – Cady Mountains for Agates and Jasper, hosted by VGMS.

May 11 – Calico for Silver Lace Onyx and Fossilized Palm Root, hosted by CG&MC.

TRI-CLUB FIELD TRIPS

– Sign up to participate –

www.whoscoming.com/vgms

or contact a field trip leader

If you decide not to come, DO NOT FAIL to remove your name from the "whoscoming" site or let the trip leader know, so folks won't be waiting around for you to show up.

Contact info

Chuck Borchart

chuck.cgmtrips@gmail.com

805-551-9946

Luther Brown

ravenwolf2@att.net

805-218-2562

ON THE GO ... TO A SHOW



MARCH

2-3 VENTURA, CA – Gem, Mineral, Fossil & Lapidary Show

Presented by: Ventura Gem & Mineral Society

Venue: Ventura County Fairgrounds

10 W. Harbor Blvd, Ventura, CA 93001

Hours: Sat 10am – 5pm, Sun 10am – 4pm

Admission: Free

Parking: Fairground charges parking fee.

Web: vgms.org/category/gem-show/

Exhibits, dealers, kid's activities, silent auctions, raffles, plant sales and a rummage sale).

8-10 VICTORVILLE, CA – Stoddard Wells Tailgate

Sponsor: Victorville Valley Gem & Mineral Society

Venue: Hwy 15 / Stoddard Wells Road (Stoddard Wells Road off Dale Evans Pkwy)

Hours: 9:00am – 5:00pm

Contact: Brett Ward or Sandy Skidmore, 760-617-6001 or info@vvgmc.org

Web: vvgmc.org/tailgate.html

Handcrafted & Faceted Jewelry, Slabs and Cabs, Findings & Equipment, Minerals & Fossils and TONS of Rough Material.

Field Trip: Tri-colored Marble on March 9, 9am

23-24 ROSEVILLE, CA – 57th Annual Roseville Gem, Jewelry, Fossil and Mineral Show

Sponsor: Roseville Rock Rollers Gem & Mineral Society

Venue: Placer County Fairgrounds

800 All American City Blvd (off Washington) Roseville, CA 95678

Hours: Sat 10am – 5pm; Sun 10am – 4pm

Contact: James Hutchings, 916-995-7380 or jhutchings22@hotmail.com

Web: www.rockrollers.com

Vendors selling rocks, minerals, gemstones, bead, books, jewelry, jewelry making supplies, plus displays and demonstrations. Free hourly drawings and Raffle prizes. Daily field trips (meeting at 9am). Dinosaur Program presentation on Sat, 1pm.

The Pasadena Lapidary Society & The California Federation of Mineralogical Societies Present

California's Natural Treasures

2019 CFMS Annual Show & Convention
Fairplex, Building 6 • Pomona, California

March 8-10, 2019
10am-5pm (Fri/Sat) • 10am-4pm (Sun)



80th Annual CFMS Show & Convention hosted by Pasadena Lapidary Society

March 8 – 10, 2019

Pomona Fairplex, Bldg. 6

1101 W McKinley Ave, Pomona, CA 91768

Fri & Sat 10am – 5pm, Sun 10am – 4pm

Contact: Marcia Goetz at 626-260-7239 or showdealers@pasadenalapidary.org

pasadenalapidary.org/2019-show/

Admission (1-day ticket)

Adult \$5. Senior (60+), Active Military, Junior (12–17) \$4.

JOHN E. GARSOW

gems & minerals

March 8 – 10

CFMS Show & Convention
hosted by **Pasadena Lapidary Society**

Pomona Fairplex, Building 6

March 16 – 17

Santa Clara Valley Gem & Mineral Society
Annual Show

Santa Clara County Fairgrounds

Facet Rough • Cabbing Rough
Jewelry • Mineral Specimens

www.johngarsow.com

30-31 TORRANCE, CA – Annual Gem & Mineral Show – “Nature’s Treasures”
South Bay Lapidary & Mineral Society
Venue: Ken Miller Recreation Center
 3341 Torrance Blvd, Torrance, CA 90503
 (entrance on Madrona)
Hours: Sat 10:00am – 5:00pm;
 Sun 10:00am – 4:00pm
Admission and Parking: Free.
Web: southbaylapidaryandmineralsociety.com

APRIL

4-7 JOSHUA TREE, CA – JT Sportsmans Club 44th Annual Show
Venue: Sportsmans Club
 6225 Sunburst Ave, Joshua Tree, CA 92252
Admission: Free.
Contact: Wayne Hamilton, 760-366-2915
 or jtsportsmans@ymail.com
Web: www.jtsportsmansclub.com/gem.html
Flyer: www.jtsportsmansclub.com/ShowFlyerSpring2019.pdf
 Over 60 Dealers in warm and sunny Joshua Tree, California, located only 30 miles north of Palm Springs and right next to the world famous Joshua Tree National Park. This wholesale/retail show offers everything from rugged rough rock, mineral specimens, crystals, precious gemstones, and millions of beads to exquisite fine jewelry. Abundant number of fine vendors offering something for everyone.

5-7 VISTA, CA –Vista Gem & Mineral Society 2019 Show
Venue: Antique Gas & Steam Engine Museum
 2040 N. Santa Fe Ave., Vista, CA 92083
Hours: Fri & Sat 9am – 5pm; Sun 9am – 4pm
Admission & Parking: Free.
Contact: vistarocksgms@gmail.com
Web: www.vistarocks.org/april-show.html
 Outdoor event in a rustic setting with up to 80 vendors offering jewelry, slabs, cabs, and rough stones of all kinds. Tools, equipment, and other lapidary related items. Raffle on Sunday at 3pm.

13-14 THOUSAND OAKS, CA CGMC Pageant of a Thousand Gems
Sponsor: Conejo Gem & Mineral Club
Venue: Borchard Park Community Center
 190 Reino Road at Borchard Road, Thousand Oaks, CA 91320
Hours: Sat 10am – 5pm; Sun 10am – 4pm
Admission: Free
Contact: borchartcme@gmail.com
Web: www.cgmc.org

27-28 LANCASTER, CA –AVGMS Annual Gem & Mineral Show
Sponsor: Antelope Valley Gem & Mineral Society
Venue: Antelope Valley Fairgrounds (new location) 2551 West Ave. H, Lancaster, CA 93536
Hours: 10am – 5pm daily
Admission & Parking: Free.
Web: avgem.weebly.com/gem--mineral-show.html
 Vendors selling rocks, minerals, gemstones, bead, books, jewelry, jewelry making supplies, plus displays and demonstrations. Free hourly drawings and Raffle prizes. Daily field trips (meeting at 9am). Dinosaur Program presentation, Saturday at 1pm.

SDMG-GSSD Library

SDMG Bldg.
 Donna Beers
Hours:
 Tuesdays 2–4pm and Thursdays 4–6pm
 (except first two weeks in February)
Reference use only, no lending.
Access the catalog online at:
<https://cloud.collectorz.com/sdmgmerklib/books>

Who may use the Library?
 Membership is not required to view the catalog, but only **SDMG or GSSD** members may come use the reference library.

We Need Volunteer Assistant Librarians.

Members willing to volunteer in the Library will enable us to extend the hours of access.

If you can help out, contact Donna:
librarian@sdmg.org

SDMG BOARD MEETING HIGHLIGHTS

February 18, 2019

In attendance: President Jim Parrish and Board members Andy Anderson, Rocio Bergum, Donna Casey, Stephanie Griffin, Bob Hancock, John Kruzel, Wayne Moorhead, Ellen Riceman, Anne Schafer, Dave Smith, Jennifer Stapp, Paul Williams and Jill Williamson. A quorum was present.

Excused: Donna Beers, Lois Lukasky, Melissa Ordway, Sally Parrish and Dee Smith. **Absent:** Doug Peeler. **Guest:** Letty Evans.

Membership: Current total is 710 members, of whom 68 are Juniors.

Juniors: Dave Smith reported Junior class attendance was 14 on Saturday, Feb. 16. Elbert McCune is helping out. Himalaya Mine (Lake Henshaw) field trip is under consideration for this spring for the Juniors.

Museum Curator: Motion carried, 11 to 1 with one abstention, to approve purchase of Hematite pseudomorph after magnetite specimen from Argentina for the museum collection.

School Director: Wayne Moorhead reported that Tuesday night cab class has been cancelled; a new instructor and assistant instructor are needed.

All cab classes are currently full, with only three in operation; students are being wait-listed through April before they can start class. Cab instructors are asked to request new students to pay \$20 for first four classes.

A new Facetron head fell out of its storage cabinet; Jerod Schneider repaired it. Faceting instructors need to take care, and to teach students how to stow faceting heads properly in the storage cabinet.

Two Titan grinders are currently out of commission; one has a smoking motor and the other had three bolts broken when a rock became wedged under it. Two replacement units have been ordered and should arrive shortly.

The cylinder in the lock to the Cab Room door has been repaired; five new keys have been issued to instructors whose old keys no longer worked in that door.

Silver class instructors reported that 2 bracelet mandrels, 1 ring mandrel and 1 mallet have gone missing from the storage cabinets.

Purchasing of a new kiln for the casting classes will be delayed until the old kiln dies.

School Liaison: Bob Hancock reported that Wednesday morning and afternoon facetting classes are full.

Donations: (1) Sam Cottrell donated two truck-loads of used lapidary equipment, supplies, slabs and rocks. (2) David Lipson donated \$1,300 to be used to benefit the Lapidary School. (3) Anne Schafer donated petrified wood and other items, to be sold at December Nights.

Historian/Friendship: Stephanie Griffin reported that she would like to write articles in advance for the next year, including interviews of Board members, descriptions of sphere making and facetting, and some history of the club.

Gem Diego Show: Bob Hancock re-visited Scottish Rite; and obtained an updated quote for \$14,000 to hold a show there on Nov. 23-24, 2019. This is the same date as the Fall West Coast Show, which many of our dealers are signed up for. Scottish Rite was not deemed a viable option for 2019, both because of the expense and because Nov. 23-24 were the only dates available.

Unfinished Business: Jim Parrish received one quote from Charlotte Ibach of Studio 10 in Spanish Village to create a new exterior SDMG building sign for \$650. Motion carried unanimously to approve Charlotte to do make this new sign. Installation is not included; SDMG members will need to install the sign themselves.

New Business: Discussion of the Lapidary School Rules was followed by a request for Anne Schafer to distribute copies of the most recent Operations Manual to all Board members.

(Any member may attend Board meetings. The next one is March 18, 2019, at 7 pm in the SDMG Building.)

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Membership Information:

Interested in minerals, fossils, lapidary, gems, or handcrafted jewelry? We are, too!

There are now two ways to apply for or renew your membership –

1.) Send a check with your membership form to the membership secretary. The renewal form can be found at the **Village Silversmiths Shop** in the **SDMG** Building the **SDMG** website at:

www.sdmg.org/sdmg-public/pdf/sdmg-membership-app-and-renewal.pdf

Mail your completed application and check to:

San Diego Mineral & Gem Society
attn: Angela Cannon
P.O. Box 710783, Santee, CA 92072

MAKE CHECKS PAYABLE TO:

San Diego Mineral and Gem

Please allow up to 3 weeks
for processing your application

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2.) Sign up online using major credit cards via PayPal. Visit the SDMG website for details at:

www.sdmg.org/sdmg-membership/

Pay with mailed check: \$30 – first Adult Member

OR – Pay using PayPal: \$32 – first Adult Member
\$10 – Associate Adult Member at same household

\$10 – Junior Member

\$10 – printed/mailed copy of *The Pegmatite* bulletin

Subscribe yourself to the eNewsletter at: <https://goo.gl/KZqPsc>

published from September thru June
at the same time as *The Pegmatite* bulletin
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**Got questions? Email the SDMG Membership
secretary at: membership@sdmg.org**

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WEBSITES

SDMG:

www.sdmg.org

CFMS:

www.cfmsinc.org

AFMS:

www.amfed.org

PUBLIC LANDS:

www.amlands.org

BLM:

www.ca.blm.gov

BOB'S ROCK SHOP:

www.rockhounds.com

ROCKHOUND FORUM:

groups.yahoo.com/neo/groups/la-rocks/info



CLASS SCHEDULE – 2019

REGISTRATION IS REQUIRED BEFORE ALL CLASSES.

Email school@sdmg.org for class availability before attending any class to find out when the class starts and ends, if special materials are required and whether you qualify to attend. Fee is \$5.00 per class; it is usually easier for instructors if payment is made for a full month; cash or checks only, please. **Classes are open to members only** and students must read and follow the **School Rules** available in the classroom and at:

<http://www.sdmg.org/class-schedule/school-rules.pdf>

CABOCHONS	Tue	6—9pm	Tom Schmidt
	Wed	9 – 11:30am	Jim Claypool
	Wed	6 – 9pm	Nita Sani
	Thu	7 – 9pm	Jon Evans
FACETING	Tue	noon – 3pm	Elbert McCune
	Tue	7 – 9pm	Jerod Schneider
	Wed	9am – noon	Bob Hancock
	Wed	noon – 3pm	Donna Beers
	Wed	7 – 9pm	Elbert McCune
	Thu	7 – 9pm	Bill Brisebois
BEG. METALS FABRICATION	Tue	9am – noon	Jill Williamson
	Tue	noon – 3pm	Jill Williamson
	Wed	6 – 9pm	Stephanie Griffin
	Thu	9am – noon	Denny Turner
	Thu	1 – 4pm	Denny Turner
ADV. METALS FABRICATION	Tue	7 – 9pm	Al Puente
	Wed	9am – 3pm	Denny Turner
	Wed	9am – 3pm	Jackie Leverone
	Thu	7 – 9pm	Ellen Riceman
	Fri	9:30am – noon	Jill Williamson
	Fri	12:30 – 3:00pm	Jill Williamson
CASTING	Mon	1:30 – 7:00pm	Rocio Bergum
	Tue	9am – 2pm	Dave Smith
	Fri	5 – 7pm	Rich Yarbrough
STONE SETTING	Mon	by appointment	Miguel Asmar
ROCK CARVING	Mon	9am – 1pm	Jan Kunsa
SPHERE MAKING	Sat	1 – 3:30pm	Paul Williams
JUNIORS	Sat	10am – 1pm	Dave Smith

Thomas M. Schneider Quality Gemstones

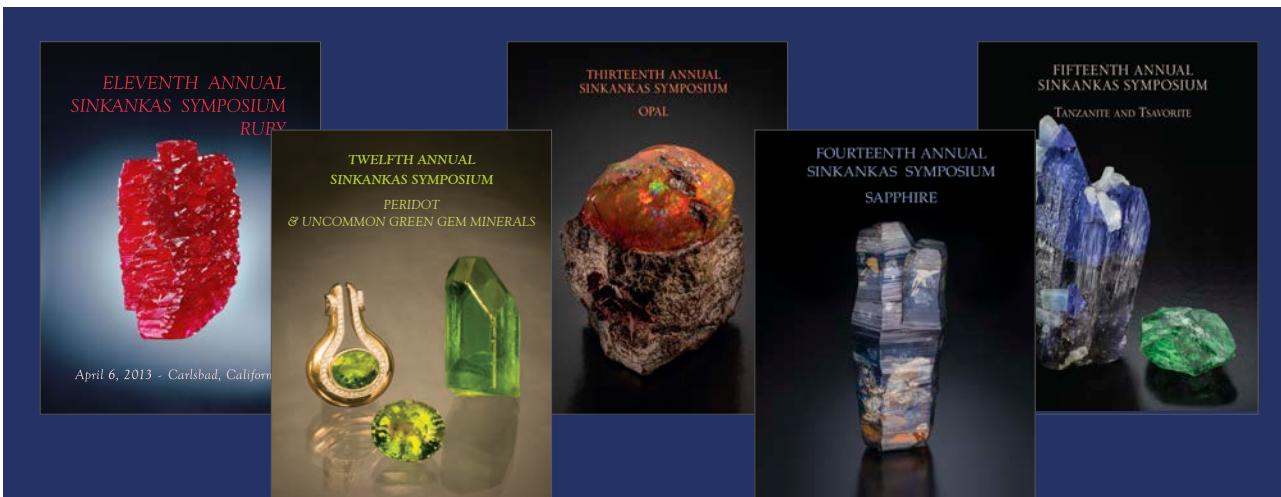


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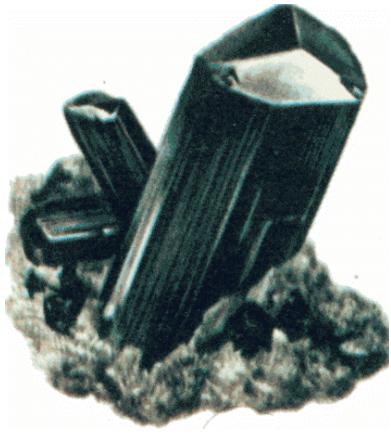
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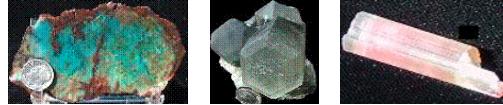
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THE PEGMATITE – MARCH 2019

Sun	Mon	Tue	Wed	Thu	Fri	Sat
24	25	26	27	28	1	2
3	4 GSSD General Mtg 7pm, SDMG bldg	5	6	7	CFMS Show & Convention host- ed by Pasadena Lapidary Society Pomona Fairplex	8
10 CFMS Show in Pomona ends	11	12	13	14	15	16 SDMG Annual Banquet Elijah's Restaurant San Diego 5pm
17	18 SDMG Board Mtg 7pm, SDMG bldg	19	20	21	22	23
24/31	25 NO SDMG General Mtg in March	26	27	28	29	30